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#3

PTO/SB/21 (6-98)

Approved for use through 09/30/2000. OMB 0651-0031

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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## TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

	<b>Application Number</b>	09/504,676	
	<b>Filing Date</b>	02/15/2000	
	<b>First Named Inventor</b>	DUBUC, CHRISTIAN, et al.	
	<b>Group Art Unit</b>	2734	
	<b>Examiner Name</b>	Not Assigned	
Total Number of Pages in This Submission	68	Attorney Docket Number	Borden P12US0

### ENCLOSURES (check all that apply)

<input checked="" type="checkbox"/> Fee Transmittal Form <input checked="" type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment / Response <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input checked="" type="checkbox"/> Certified Copy of Priority Document(s) <input checked="" type="checkbox"/> Response to Missing Parts /Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input checked="" type="checkbox"/> Assignment Papers <i>(for an Application)</i> <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition Routing Slip (PTO/SB/69) and Accompanying Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Small Entity Statement <input type="checkbox"/> Request for Refund	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Additional Enclosure(s) (please identify below): <div style="border: 1px solid black; padding: 5px;">Itemized Postcard; Declaration for Utility Patent; Check for \$40.; Check for \$852.00.</div>
<input type="text" value="Remarks"/>		

### SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual Name	VARNUM, RIDDERING, SCHMIDT & HOWLETT LLP THOMAS L. LOCKHART
Signature	
Date	5/15/00

### CERTIFICATE OF MAILING

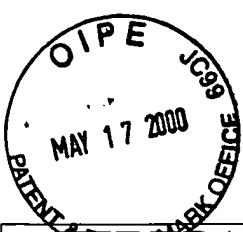
I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231 on this date:

5-15-00

Typed or printed name	ALICE R. ZEMAITIS
Signature	
Date	5-15-00

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# FEES TRANSMITTAL for FY 2000

Patent fees are subject to annual revision.

Small Entity payments **must** be supported by a small entity statement, otherwise large entity fees must be paid. See Forms PTO/SB/09-12. See 37 C.F.R §§ 1.27 and 1.28.
**TOTAL AMOUNT OF PAYMENT** (\$892.00)
*Complete if Known*

Application Number	09/504,676
Filing Date	02/15/2000
First Named Inventor	DUBUC, CHRISTIAN, et al.
Examiner Name	Not Assigned
Group/Art Unit	2734
Attorney Docket No.	Borden P12US0

**METHOD OF PAYMENT (check one)**

The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

**Deposit Account Number:** 22-0257**Deposit Account Name:** Varnum, Riddering, et al.
 Charge Any Additional Fee Required  
Under 37 CFR §§ 1.16 and 1.17
**2.  Payment Enclosed:**
 Check  Money Order  Order
**FEES CALCULATION****1. BASIC FILING FEE**

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
101	690	201	345	Utility filing fee	690
106	310	206	155	Design filing fee	
107	480	207	240	Plant filing fee	
108	690	208	345	Reissue filing fee	
114	150	214	75	Provisional filing fee	
<b>SUBTOTAL (1)</b>		<b>(\$ 690.)</b>			

**2. EXTRA CLAIM FEES**

	Extra Claims	Fee from below	Fee Paid
Total Claims	24	-20**= 4 X 18 = 72.	
Independent	3	-3**= 0 X 78 = 0	
Claims			
Multiple Dependent		0 = 72	

\*\*or number previously paid, if greater; For Reissues, see below

**Large Entity**      **Small Entity**

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description
103	18	203	9	Claims in excess of 20
102	78	202	39	Independent claims in excess of 3
104	260	204	130	Multiple dependent claim, if not paid
109	78	209	39	** Reissue independent claims over original patent
110	18	210	9	** Reissue claims in excess of 20 and over original patent
<b>SUBTOTAL (2)</b>		<b>(\$ 72.)</b>		

**3. ADDITIONAL FEES****Large Entity**      **Small Entity**

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
105	130	205	65	Surcharge – late filing fee or oath	130
127	50	227	25	Surcharge – late provisional filing fee or cover sheet.	
139	130	139	130	Non-English specification	
147	2,520	147	2,520	For filing a request for reexamination	
112	920*	112	920*	Requesting publication of SIR prior to Examiner action	
113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action	
115	110	215	55	Extension for reply within first month	
116	380	216	190	Extension for reply within second month	
117	870	217	435	Extension for reply within third month	
118	1,360	218	680	Extension for reply within fourth month	
128	1,850	228	925	Extension for reply within fifth month	
119	300	219	150	Notice of Appeal	
120	300	219	150	Filing a brief in support of an appeal	
121	260	221	130	Request for oral hearing	
138	1,510	138	1,510	Petition to institute a public use proceeding	
140	110	240	55	Petition to revive – unavoidable	
141	1,210	241	605	Petition to revive – unintentional	
142	1,210	242	605	Utility issue fee (or reissue)	
143	430	243	215	Design issue fee	
144	580	244	290	Plant issue fee	
122	130	122	130	Petitions to the Commissioner	
123	50	123	50	Petitions related to provisional applications	
126	240	126	240	Submission of Information Disclosure Stmt	
581	40	581	40	Recording each patent assignment per property (times number of properties)	40
146	690	246	345	Filing a submission after final rejection (37 CFR § 1.129(a))	
149	690	249	345	For each additional invention to be examined (37 CFR § 1/129(b))	
Other fee (specify)					
Other fee (specify)					
*Reduced by Basic Filing Fee Paid				<b>SUBTOTAL (3)</b>	<b>(\$ 170.)</b>

SUBMITTED BY: VARNUM, RIDDERING, SCHMIDT &amp; HOWLETT LLP

Complete (if applicable)

Name (Print/Type)	THOMAS L. LOCKHART	Registration No. (Attorney/Agent)	29,324	Telephone	616/336-6000
Signature				Date	5/15/00

**WARNING:**

Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.



## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

PATENT

Applicant(s):

DUBUC, Christian and BOURDREAU, Daniel

For:

Method and System for Detecting and Classifying the Modulation of Unknown Analog and Digital Telecommunications Systems

Serial No.:

09/504,676

Filed:

02/15/2000

#3

RESPONSE TO NOTICE TO FILE MISSING PARTS OF APPLICATION

Assistant Commissioner for Patents

BOX MISSING PART

Washington, DC 20231

Sir:

Transmitted for filing in the above-referenced patent application are the following:

[ ] A Verified Statement Claiming Small Entity Status under 37 C.F.R. §§ 1.9(f) and 1.27.

[X] An Assignment of the invention to Her Majesty , Assignment cover sheet, and a check in the amount of \$40.00 for the recording fee.

[X] A Combined Declaration and Power of Attorney.

[X] Copy of the Notice to File Missing Parts of Application Filing Date Granted, Form PTO-1533.

[X] A check in the amount of \$852.00.00 to cover the basic filing fee and the large entity surcharge for late payment of the filing fee and late filing of the Declaration as set forth in 37 C.F.R. § 1.16(e).

The filing fee has been calculated as shown below:

(Col. 1)	(Col. 2)	SMALL ENTITY		
For:	No Filed	Extra	Rate	Fee
Basic Fee				\$345
Total Clms	24 - 20	4	x 9	\$ 0
Indep Claims	3 - 3	*0	x 39	\$ 0
[ ] multiple dependent claims		130		\$ 0
		Total		\$

\*If the difference in Co. 1 is less than zero, enter "0" in Col. 2

## OTHER THAN A SMALL ENTITY

Or	Rate	Fee
Or		\$690
Or	x 18	\$ 72
Or	x 78	\$ 0
Or	+260	\$
Or	Total	\$762

The Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. 22-0257:

- 1) Any patent application processing fees under 37 C.F.R. § 1.17;
- 2) Any filing fees under 37 C.F.R. § 1.16 for presentation of extra claims; and
- 3) Any additional filing fees required under 37 C.F.R. § 1.16.

A duplicate copy of this correspondence is enclosed.

Respectfully submitted,

CHRISTIAN DUBUC and DANIEL BOURDEAU

By Thomas L. Lockhart

Thomas L. Lockhart, Reg. No. 29,324  
VARNUM, RIDDERING, SCHMIDT & HOWLETT LLP  
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Post Office Box 352  
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(616) 336-6000

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5-15-2000 Alice R. Zemaitis  
Alice R. Zemaitis